

## **Figure legend**

### **Supplementary data 2. Partially decreased MHC II ubiquitination in MARCH-I-deficient BMDCs.**

(A) BM cells were obtained from MARCH-I KO and control littermates (Wt), and cultivated in the presence of GMCSF for 7 days. Cultivated BM cells were stained with anti-CD11c and anti-B7-1 or MHC II Abs, and analyzed by two-color flow cytometry. The expression levels of B7-1 and MHC II were analyzed in CD11c<sup>+</sup> cells. Data are representative of three independent experiments.

(B) From CD11c<sup>+</sup> cells, MHC II molecules were purified with Y-3P anti-I-A  $\beta$  chain Ab, and subjected to western blot analysis with FK2 anti-ubiquitin Ab (left) or KL295 anti-I-A  $\beta$  chain Ab (right). The band corresponding to the ubiquitinated I-A  $\beta$  chain remaining in MARCH-I KO is marked (\*) as shown. Data are representative of two independent experiments.